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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/807,962

03/24/2004

Masayoshi Shinhama

44471/298742

4093

23370

7590

06/13/2006

JOHN S. PRATT, ESQ
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1100 PEACHTREE STREET
ATLANTA, GA 30309

EXAMINER

DUONG, THO V

ART UNIT

PAPER NUMBER

3753

DATE MAILED: 06/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Interview Summary	Application No.	Applicant(s)	
	10/807,962	SHINHAMA, MASAYOSHI	
	Examiner	Art Unit	
	Tho v. Duong	3753	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Tho v. Duong. (3) Yumi Inagaki.
 (2) Brenda O. Holmes. (4) _____.

Date of Interview: 05 June 2006.

Type: a) ☒ Telephonic b) ☐ Video Conference
 c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.
 If Yes, brief description: _____.

Claim(s) discussed: 1.

Identification of prior art discussed: Heraud (US 5,505,253).

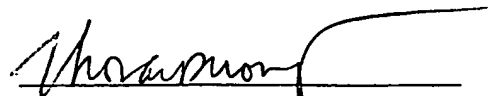
Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


 Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant's representatives present remarks pertaining a proposed amendment (attached). The terms "larger" and "smaller" in the claim were discussed, and would be modified in a more clear form by specifying the length of the header pipe of the larger heat exchanger is longer than the header pipe of the smaller heat exchanger in a direction of the elongation of the tube. It appears that such modification would define the claim over the reference to Heraud. Upon submission of a proper amendment, the application will be subjected to an updated search and consideration.



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June 2, 2006

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FAX

RECIPIENT/ PHONE NO.	FAX NO.	COMPANY/ CITY, STATE, COUNTRY
Examiner Tho V. Duong GAU 2179 571.272.4139	571.273.4793	U.S. Patent and Trademark Office Alexandria, VA 22313-1450

Brenda O. Holmes

FROM

3

PAGES (WITH COVER)

6559

REFERENCE NO

44471/298742

CLIENT/MATTER NO.

PLEASE CALL 404 815 6497 IF YOU HAVE DIFFICULTY WITH THIS TRANSMISSION.**CONFIDENTIALITY NOTE:**

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COMMENTS

Applicant: Masayoshi SHINHAMA
Title: Vehicle Heat Exchanger
Serial No./Docket No.: 10/807,962 44471/298742
Filing Date 03/24/2004

PAPERS SUBMITTED:

1. PTOL-413A – Applicant Initiated Interview Request form; and
2. Agenda for Telephone Interview.

Date: June 2, 2006

By: Brenda O. Holmes, Reg. No. 40,339

TO BE COMPLETED BY KS OPERATIONS CENTER

TRANSMISSION RECEIPT DATE/TIME: _____

COMPLETED BY: _____

JOB CODE 84966

PTOL-413A (09-04)
 Approved for use through 07/31/2006. OMB 0651-0031
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Applicant Initiated Interview Request Form

Application No.: 10/807,962 First Named Applicant: Masayoshi Shinhama
 Examiner: Tho. V. Duong Art Unit: 3743 Status of Application: Non-Final Action Mailed

Tentative Participants:

(1) Brenda Holmes (2) Yumi Inagaki
 (3) _____ (4) _____

Proposed Date of Interview: 06/05/2006 Proposed Time: 2:00 (AM/PM)

Type of Interview Requested:

(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☒ NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>Rej.</u>	<u>Claim 1</u>	<u>USPN 5,505,253</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Continuation Sheet Attached

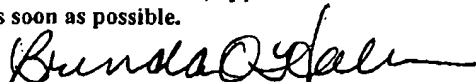
Brief Description of Arguments to be Presented:

The proposed amendment to Claim 1 clarifies that the reservoir is fixed to a header pipe of the larger heat exchanger at a position beyond the overlap between the larger and smaller heat exchangers.

An interview was conducted on the above-identified application on _____.

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.



Applicant/Applicant's Representative Signature

Examiner/SPE Signature

Brenda O. Holmes

Typed/Printed Name of Applicant or Representative

40,339

Registration Number, if applicable

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Masayoshi Shinhama) Art Unit: 3743
)
Serial No. 10/807,962) Examiner: **Duong, Tho V.**
)
Filed: **March 24, 2004**)
)
For: **Vehicle Heat Exchanger**) Attorney Docket No.: 44471/298742

AGENDA FOR TELEPHONE INTERVIEW

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

This Agenda is submitted for the telephone interview scheduled for Monday, June 5, 2006 at 2:00 P.M. E.T. The undersigned proposes discussing independent Claim 1.

CLAIM FOR DISCUSSION

1. (Proposed amendment) A vehicle heat exchanger comprising:
a larger heat exchanger and a ~~frontmost~~ smaller heat exchanger overlapped with each other in a direction of airflow, each heat exchanger comprising:
heat exchanger tubes arranged side by side with each other;
outer fins interposed between neighboring heat exchanger tubes; and
header pipes connecting and communicating with both ends of the heat exchanger tubes for heat-conducting media to circulate through the heat exchanger tubes and the header pipes; and
a reservoir in communication with one of the header pipes for reserving one of the heat-conducting media and being fixed to a header pipe of the larger heat

exchanger at a position beyond the overlap between the larger and smaller heat exchangers,

wherein the reservoir is located behind a plane extending through an intake of the ~~frontmost~~ smaller heat exchanger, wherein the airflow is introduced into the intake, and wherein the reservoir is located alongside the header pipe of the larger heat exchanger.

REMARKS

The proposed amendment to Claim 1 clarifies that the reservoir is fixed to a header pipe of the larger heat exchanger at a position beyond the overlap between the larger and smaller heat exchangers.

If there is anything else that is needed prior to the interview, the Examiner is invited to contact Brenda Holmes at 404.685.6799.

Respectfully submitted,



Brenda O. Holmes
Reg. No. 40,339

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KS File: 44471/298742